

# Data Background Document

## **SCRUBBER WATERS**

**Part A: Facility Data**  
**Part B: Constituent Data**

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20 June 2002

## Preface

This document contains descriptive data for a category of industrial wastes called “scrubber waters”, which are generated from air pollution control devices attached to hazardous waste thermal incineration/combustion units.

The data in this document are from two different USEPA Office of Solid Waste databases on industrial hazardous wastes. Because of the fact that there are possible data reporting uncertainties/inaccuracies in these databases, this document presents multiple database queries. For example, it is possible that not all industrial facilities reporting to one or both databases defined “scrubber waters” according to the definition above, and thus may have classified a different type of waste as a “scrubber water” (e.g. cleaning and rinsing wastes generated from the manual “scrubbing” of products, parts or industrial process equipment).

Furthermore, the data presented in this document represent single year “snapshots”; one database contains 1997 reporting year data, and the other database contains 1993 reporting year data. Although these data years may not necessarily completely represent hazardous industrial wastes generated in more recent years, the 1997 data year represents the most recent public access data year for queries of that database (i.e. the USEPA *“Biennial Reporting System”* query engine at [http://www.epa.gov/enviro/html/brs/brs\\_query.html](http://www.epa.gov/enviro/html/brs/brs_query.html)), and the 1993 data year represents the only year for which USEPA compiled the second database (i.e. the USEPA *“National Hazardous Waste Constituent Survey”*; see item 4 at <http://www.epa.gov/epaoswer/hazwaste/id/hwirwste/economic.htm>).

## PART A:

### Identity of Industrial Facilities Which Generate RCRA Hazardous Waste “*Scrubber Waters*”

Definition of Alternative Database Queries to Identify Industrial “Scrubber Waters”		
Source: USEPA Office of Solid Waste 1997 “Biennial Reporting System” (BRS)		
Dataset Item	Type of Waste Generation/Management Facilities	Facility Count
Query 1	LQG facilities operating on-site RCRA hazardous waste incineration/combustion units (query criterion: BRS waste treatment codes = M041 to M059)	318
Query 2	LQG facilities generating “scrubber waters” (query criterion: BRS waste physical form code =B115)	147
Query 3	LQG facilities managing RCRA hazardous F001, F002, F003, F004 or F005 spent solvents in liquid incinerators (M041) (two query criteria)	84
Query 4	LQG facilities managing RCRA hazardous F001, F002, F003, F004 or F005 spent solvents in liquid incinerators (M041) which also reported generating “scrubber waters” (B115) (three query criteria)	6
Query 5	LQG facilities generating “scrubber waters” (B115) derived-from the treatment of listed hazardous waste (BRS waste origin code=5) in either thermal incineration/combustion waste treatment units (source code=A74) or from air pollution control devices (source code=A78) (three query criteria)	21

**QUERY 1: 1997 Count of Industrial Waste Combustion Units  
Which Burn RCRA Hazardous Wastes (source: 1997 USEPA BRS\*)**

Type of RCRA Hazardous Waste Combustion Units		Facilities Operating Combustion Units	
BRS code	Description	Count of On-Site LQGs**	Non-Duplicative Cumulative Total LQGs***
M041	Incineration - liquids	150	150
M042	Incineration - sludges	31	158
M043	Incineration - solids	95	193
M044	Incineration - gases	12	194
M049	Incineration - type unknown	33	215
M051	Energy recovery - liquids	125	312
M052	Energy recovery - sludges	8	315
M053	Energy recovery - solids	17	317
M059	Energy recovery - type unknown	5	318
Non-duplicative total*** =		318	

**Explanatory Notes:**

\* BRS = “Biennial Reporting System” for RCRA hazardous waste generators, transporters, and treatment, storage, disposal, or recycling facilities ( <http://www.epa.gov/brs> ).

\*\* LQG = large quantity generator (of RCRA hazardous waste; >1,000 kilograms (i.e. one metric ton or 2,200 pounds) in a single calendar month).

\*\*\* The non-duplicative total is less than the numerical column total because some LQG facilities operate more than one type of thermal unit listed in this table.

**QUERY 2: 1997 USEPA Biennial Reporting System (BRS) Database Query Results:**  
**List of RCRA “Large Quantity Generator” Facilities**  
**Which Generate Hazardous Waste “Scrubber Waters”**  
 BRS hazardous waste physical form code = B115  
 (source: [http://www.epa.gov/enviro/html/brs/brs\\_query.html](http://www.epa.gov/enviro/html/brs/brs_query.html) )

**Query Selections**

Reporting Year selected: 1997

Management Location selected: Both (Offsite and Onsite)

Waste Origin selected: Wastes generated onsite

Form Code entered: B115 (scrubber waters)

**Total Number of LQG (large quantity generator) Facilities Retrieved are: 147**

**Data interpretation notes:**

(1) Not all facilities listed in the table below necessarily generated a “scrubber water” (BRS waste form code = B115) from a thermal incineration/combustion air pollution control device (BRS waste source code = A78); some facilities apparently reported generation of “scrubber waters” from other activities such as product/process/equipment cleaning (codes = A09, A19), product/process/equipment rinsing (codes = A04, A31), and wastewater treatment (code = A75); i.e. the word “scrubbing” apparently connoted different definitions/meanings in industrial operations. Although not displayed in the table below, additional BRS data on (a) waste generation activity codes, (b) waste source codes, and (c) waste origin codes may be used for cross-checking to determine which facilities have reported thermal combustion pollution control device “scrubber waters”.

(2) Some facilities below reported “scrubber waters” as RCRA hazardous waste code = D001 (i.e. ignitable liquid with a flashpoint <140F; defined at 40 CFR 261.21); however, it appears that such facilities may have characterized the waste influent into the thermal combustion unit, rather than the “scrubber water” effluent from the air pollution control device on the combustion unit, because the process of combustion is designed to burn ignitable constituents in the influent waste.

**LIST OF EPA-REGULATED FACILITIES IN ENVIROFACTS**

Item	Facility ID	Handler Name	Facility Address	County Name	Waste Quantity Generated (1997 Tons)	Managed On- or Off-site	RCRA Wastecodes Assigned to Scrubber Waters (part or whole quantity) (40 CFR 261 Subparts C & D)
1	WID046535936	AE Goetze	1303 Landon St Schofield, Wi 54476		0.6	Off	D007
2	PAD987367216	AERC	2591 Mitchell Ave Allentown, Pa 181036609	Lehigh	21.7	Off	D009
3	CAD000030494	Aerojet Sacramento Operations	Hwy 50 at Aerojet Rd Rancho Cordova, ca 95670	Sacramento	7.2	Off	D002
4	NYD030215529	AL Tech Specialty Steel Corporation	(Dunkirk Facility)90 Willowbrook Ave Dunkirk, Ny 140480152	Chautauqua	46,988	Off	D002, K062
5	LAD000802868	Allied Signal Inc	Baton Rouge South Workscorner of Lupine & Ontario Sts Baton Rouge, La 708050000	East Baton Rouge	1,459.6	Off	D002

6	NJD002349009	American Cyanamid Company	Quakerbridge and Clarksvilleroads West Windsor, Nj 085430400	Mercer	8.1	Off	D001, D002, F003
7	IND000810861	Amoco Oil Co Whiting Lakefront	Ne of 119th & Front St Whiting, in 463940000	Lake	688,692.5	On	F037, F038, K048, K051
8	IND074403296	Anderson Development Co	3400 W 4th Ave Gary, in 464060000	Lake	0.5	Off	D002
9	LAR000018333	ARCO Chemical Company	900a Interstate Hwy 10 Westlake, La 706690000	Calcasieu	218,923	On	K027, K112, U037
10	MID080358351	Agrevo USA Company	1740 Whitehall Road North Muskegon, Mi 494450000	Muskegon	5.5	Off	D002, K157
11	TXD064210362	Armoloy Co. Of Fort Worth	204 E Daggettstreet Fort Worth, Tx 76104	Tarrant	0.4	Off	D007
12	WID006069710	Badger Meter Inc	4545 W Brown Deer Rd Milwaukee, Wi 532230099		0.2	Off	D001
13	CAD008368458	Ball-Foster Glass Container Co.	4000 N. Arden Dr El Monte, ca 91734	Los Angeles	8.1	Off	D010
14	WVD056866312	Bayer Corporation	Route 2, Box 500 New Martinsville, Wv 26155	Marshall	1,286.6	On	D002, F003
15	OHD004173621	BF Goodrich Landing Gear Div-plating Op	2800 E 33rd St. Cleveland, Oh 441150000	Cuyahoga	0.8	Off	D002
16	CAD008324055	BF Goodrich Aerospace, (Rohr Inc.)	8200 Arlington Ave. Mail Zone 1-m Riverside, ca	Riverside	36.2	Off	D007
17	WAD041268947	BOC Gases	4715 Ne 78th St Vancouver, Wa 986650905	Clark	21.1	Off	D002, D004, D006
18	WAD041585464	Boeing Everett	3003 W Casino Rd Everett, Wa 98204	Snohomish	48.5	On	D006, D007, D008, D010, F005
19	WAD980982037	Boeing North Boeing Field	7500 E Marginal Wy Seattle, Wa 98108		22,971.1	Off	
20	ORD054964481	Boeing of Portland	19000 Ne Sandy Blvd Portland, or 97230	Multnomah	104.5	On	D007
21	OHD004282158	Burnham Foundry	2345 Licking Road Zanesville, Oh 437010000	Muskingum	8.9	Off	D006, D008
22	TXD008099079	Basic Chemicals Co.	8615 Manchesterroad Houston, Tx 770120000	Harris	134,278	On	D002, F001, F002, F003
23	NJD981555667	Camden Cogen Lp	570 Chelton Ave Camden, Nj 081040000	Camden	6.2	Off	D001
24	PAD041731670	Cerde Corp Drakenfeld Prod	W Wylie Ave Washington, Pa 153010000	Washington	14,712.3	On	D006, D008

25	MAD980912323	Chemdesign Corporation	Development Road Fitchburg, Ma 014206000	Worcester	1,238	Off	D001, D002, D021, D022, F002
26	ALD001221902	Ciba Specialty Chemicals Corp	Ciba Rd off of Hwy 43 Mcintosh, Al 365530000	Washington	429,103	On	F001, F002, F003, F004, F005
27	NY0001037944	Clipper Diamond Tool Co., Inc.	47-16 Austell Place Long Island City, Ny 111014440	Queens	0.2	Off	D002
28	VA6170061463	Commander, Naval Base, Norfolk	1530 Gilbert St, Ste 2200, Code N45 Norfolk, Va 235112797	Norfolk (City)	1.2	Off	D006
29	VAD046991097	Cookson Fibers Inc Camac	14401 Industrial Park Rd Bristol, Va 242023705	Washington	6.3	Off	D004, D007
30	WVD004341491	Cytec Industries, Willow Island Plant	No. 1 Heilman Avenue Willow Island, Wv 26134	Pleasants	328,680	On	F005, K002, K003, K005
31	TXD089792543	Calabrian Chemicals	5500 State Highway 366 & Port Neches, Tx 77651	Jefferson	6	Off	D002
32	ILT180012114	DA Stuart Co	2306 W 47th St Chicago, Il 60609	Cook	1,011.8	Off	D002
33	ALD075045575	Degussa Corporation/ala Group	4201 Degussa Rd Theodore, Al 365820000	Mobile	37,283	On	D002
34	UT5210090002	Deseret Chemical Depot	Highway 36 South Tooele, Ut 84074	Tooele	395.8	On	D004, D007, D008
					10,937	Off	
35	CAD008378044	Douglas Aircraft Company	3855 Lakewood Blvd Long Beach, ca 90846	Los Angeles	26.5	Off	D007
36	OHD183824903	DTR Industries	320 Snider Road Bluffton, Oh 458179573	Allen	116.5	Off	D001, D035, D039, F002, F003, F005
37	NYD002123503	Dupont Niagara Plant	Buffalo Avenue and 26th Street Niagara Falls, Ny 143020000	Niagara	34,476.8	On	D002
38	WWD045875291	Dupont Washington Works	Route 892 South, Dupont Road Washington, Wv 26181	Wood	91.5	Off	D002
39	TXD055135388	Division of Set Environmental, Inc.	5738 Cheswood Houston, Tx 77087	Harris	3.3	Off	D002
40	TXD008092793	Dow Chemical Company - Oyster Creek Site	2301 N Brazosportblvd Freeport, Tx 775410000	Brazoria	586,569	On	F002, F024, F039, K020
41	OKD007150709	Eagle-Pitcher Ind. (Miami)	200 B.j. Tunnell Blvd. Miami, Ok 743540000	Ottawa	11.7	Off	D004, D006, D010
42	NYD980592497	Eastman Kodak Company	1100 Ridgeway Avenue Rochester, Ny 146526259	Monroe	786,985	On	D001, D002, D003, D026, D028, F002, F004, F005, P001, P002, P003, P005, P014
43	CAD981576390	El Camino Hospital	2500 Grant Rd Mountain View, ca 94039	Santa Clara	2.4	Off	D002

44	PAD045291986	Electralloy Corp	175 Main St Oil City, Pa 163010000	Venango	515.9	Off	K061
45	IND006050967	Eli Lilly & Co Tippecanoe Labs	1650 Lilly Rd Shadeland, in 479050000	Tippecanoe	275,912	On	D002, U002, U003, U154, U220
46	PRD091024786	Eli Lilly Industries, Inc.	Lilly Del Caribe Mayaguez, Pr 006800000	Mayaguez	23,014	On	D022, F002, F003
47	SD2571924644	Ellsworth Air Force Base	1958 Scott Drive Suite 1 Ellsworth Afb, Sd 577064710	Pennington	2.1	Off	D006
48	PAD980707087	Envirotrol Inc Beaver Falls	24th & 31st St Beaver Falls, Pa 150100000	Beaver	414.2	Off	D004, D010, F001
49	PAD987270725	Envirotrol Inc Darlington	118 Park Rd Darlington, Pa 161150000	Beaver	1,039	Off	D009, D010
50	TXD007330202	Eastman Chemical Company	Off Sh 149 Longview, Tx 75607	Harrison	21,529	On	D002
51	MID005363114	Elf Atochem North America, Inc.	17168 West Jefferson Avenue Riverview, Mi 481920000	Wayne	361	Off	D001
52	TXD002560233	Ethicon, Inc.	3348 Pulliamst. San Angelo, Tx 76905	Tom Green	11.8	Off	D002
53	RID000001750	Federal Products Co.	1139 Eddy St. Providence, Ri 029409400	Providence	1.4	Off	D007
54	IND082071234	Ferro Corp Keil Chemical Div	3000 Sheffield Ave Hammond, in 463271099	Lake	2.7	Off	D002
55	OHD004161410	Ferro Corporation Polymer Additives Div	7050 Krick Road Walton Hills, Oh 441464494	Cuyahoga	30.6	Off	D002
56	MED048268890	Fiber Materials, Inc	5 Morin Street Biddeford, Me 040054494	York	1.9	Off	D001
57	IDD070929518	FMC Corp Phosphorus Chemicals	3 Miles W Hwy 30 Pocatello, Id 83202	Power	264,570	On	D006
58	WVD981102890	FMC Corporation - Institute Plant	P.o. 579, Route 25 Institute, Wv 25112	Kanawha	5,819	Off	D002
59	WVD005005087	FMC Corporation - Nitro	200 Pickens Road Nitro, Wv 251432540	Putnam	47	Off	D002, D004, D006, D007, D008
60	WY5571924179	Francis E Warren AFB	90 Ces/cevc 300 Vesle Dr Suite600 Cheyenne, Wy 820055000	Laramie	0.1	Off	D008
61	NYD002080034	General Electric Co	260 Hudson River Rd Waterford, Ny 121880000	Saratoga	5,294,515	On	F039
62	NYD000348474	General Semiconductor, Inc.	172 Spruce St Westbury, Ny 115903220	Nassau	538	Off	D002

63	NYD002205755	Gleason Works	1000 University Avenue Rochester, Ny 146071239	Monroe	3.2	On	D007
64	MAD991302712	H.C. Starck Inc.	152 Charlemont Street Newton, Ma 021640000	Middlesex	73	On	D002
65	NCD062567623	Henkel Corp	3300 Westinghouse Blvd Charlotte, Nc 28273	Mecklenburg	316	On	D002
66	NYD987017506	Honeoye Storage Corp.	4511 Egypt Rd Bristol, Ny 000000000	Ontario	23.5	Off	D001, D004, D007, D018
					9.8	On	
67	CAD041156969	Hrl Laboratories, Llc	3011 Malibu Canyon Rd Malibu, ca 90265	Los Angeles	33.2	Off	D004, D006
68	OKP410148365	Imatco Incorporated	1105 North Peoria Avenue Tulsa, Ok 741060000	Tulsa	107.4	Off	D008, D018
69	PAD002161685	Instrument Specialties Co Inc	Exit 53 I-80 Delaware Water Gap, Pa 183270136	Monroe	110.5	On	D003
70	CAD982519605	Isola Usa	401 Whitney Pl Fremont, ca 945397665	Alameda	18	Off	D002
71	TT0570090001	Johnston Atoll Chemical Agent Disposal	Johnston Island Apo, Tt 965580008	Former Trust Territories	7,726	Off	D006, D007, D008
72	CAD097458533	Joslyn Sunbank Company, Llc	1740 Commerce Wy Paso Robles, ca 93446	San Luis Obispo	1,005	On	D002
73	CTD065529158	Kaman Aerospace Corp.	100 South Main St. Moosup, Ct 063540000	Windham	16.6	Off	D007
74	TXD074198961	KMCO, Inc.	16503 Ramseyroad Crosby, Tx 77532	Harris	7.7	Off	D002
75	IND064708845	Kunkle Foundry Co Inc	407 California St Andrews, in 467020000	Huntington	0.6	Off	D002
76	NYD000632372	Laidlaw Environmental Services Inc	4255 Research Pky Clarence, Ny 140310000	Erie	75	Off	D002
77	NYD001325661	Lea Ronal Inc	272 Buffalo Ave Freeport, Ny 115200000	Nassau	437	On	D002, D003
78	COD001704790	Lockheed Martin Astronautics	12257 S Highway 121 Littleton, Co 801270000	Jefferson	4	Off	D001, P068, U098, U133
79	PAD980550412	Lonza Inc	900 River Rd Conshohocken, Pa 194280000	Montgomery	13,680	On	F002, F003, F005
80	OHD004172623	Lubrizol Corporation	155 Freedom Road Painesville, Oh 440771234	Lake	2.2	On	D002
81	TXD981917024	Lyondell Petrochemical Company (Victoria	Old Bloomingtonhwy. Victoria, Tx 77902	Victoria	1,244	Off	D002

82	VAD001705110	Merck & Co., Inc.	Us Highway 340 South Elkton, Va 228270007	Rockingham	21,918	On	D002
83	PRD090028101	Merck Sharp & Dohme Quimica	Road #2 Km. 56.7 Barceloneta, Pr 006170000	Barceloneta	106,445	On	F002, F003, F005, U220
84	MT2890090036	MSE Technology Application Inc	200 Technology Way Butte, Mt 597020000	Silver Bow	74	Off	D004, D006, D007, D008
85	TXD000807909	Mobil Chemical Company - Polyethylene Pl	North of Us Highway 90 Beaumont, Tx 77707	Jefferson	1.4	Off	D001, D007
86	TXD008084600	Nalco/exxon Energy Chemicals, L.p. - Pla	County Road 229 Freeport, Tx 77541	Brazoria	7.3	On	D001
87	ORD987196128	Natron Plywood Mill	34617 Brand S Rd Jasper, or 97438	Lane	17	Off	D002, F003
88	NYD002014595	Nepera Inc	Rt 17 at Arden House Rd Harriman, Ny 109260000	Orange	1,771	On	D018, D038
89	ILD981953599	Nutrasweet-kelco	601 E Kensington Mt Prospect, Il 60056	Cook	1	Off	F002
90	NYD083626077	Nycomed Inc.	33 Riverside Ave Rensselaer, Ny 121442900	Rensselaer	16	Off	D002
91	NYD002123461	Olin Corp	2400 Buffalo Ave Niagara Falls, Ny 143030000	Niagara	21,195	On	D002
92	PAD982566341	Optoelectronics Center	9999 Hamilton Blvd Rt 222 Breinigsville, Pa 180319359	Lehigh	0.2	Off	D004
93	ORQ000007187	P & M Cedar Products Inc	20000 Keno Worden Rd Worden, or 97601	Klamath	10	Off	D008
94	MOD981721772	P P G Chemfil	54 W Industrial Dr O Fallon, Mo 633660000	St. Charles	5.7	Off	D002, D007
95	RID001200609	Pease & Curren Inc.	75 Pennsylvania Ave. Warwick, Ri 02883028	Kent	52.3	Off	D002, D008
96	NJD002171122	Peerless Tube Company	58 Locust Avenue Bloomfield, Nj 070030000	Essex	52,622	On	F003
97	PAR000012294	Phone Poulenc Inc	2nd St & Blueball Ave Marcus Hook, Pa 190610000	Delaware	23	Off	D002
98	OHD004304689	PPG Industries Inc	559 Pittsburgh Rd Circleville, Oh 431130000	Pickaway	44.4	On	D009, D010, F002, F003, F005, U190, U223
99	MND985668227	Precision Diversified Ind Inc	14755 27th Ave N Plymouth, Mn 554470000		2,793.9	Off	
100	CTD058515081	Preston Engraving	9 Thomson Rd. East Windsor, Ct 060880000	Hartford	22	Off	D007

101	TXD988071643	Quest Separation Technologies Incorporat	12500 Bay Areabldv Pasadena, Tx 77507	Harris	550	Off	D002, P101
102	WVD981107600	Regeneration Technologies, Inc.	1000 Dupont Road, Bldg. 170 Morgantown, Wv 26505	Monongalia	2,016	On	F001, K087, U210, U220, U226
103	PAD987279080	Reichhold Chemicals Inc	1000 Presto Sygan Rd Bridgeville, Pa 150170000	Allegheny	5.4	Off	D002
104	OHD092621234	Ricerca Inc	7528 Auburn Rd Painesville, Oh 440770000	Lake	6	Off	D002
105	NYD002210565	Roehlen Engraving	701 Jefferson Rd Rochester, Ny 146233287	Monroe	374	On	D007
106	OHD048415665	Ross Incineration Services Inc	36790 Giles Road Grafton, Oh 440440000	Lorain	6,526	Off	D004, D006, D007, D008
107	LAD008213191	Rubicon Inc	9156 Hwy 75 Geismar, La 707340517	Ascension	233,979	On	D002, D018, D019, D021, D022, D027, D036, D039
108	TXD082688896	Rhodia Inc.	3439 Parkst. Baytown, Tx 755200000	Harris	117.5	On	D002
109	NYD042569772	Scott Aviation	225 Erie Street Lancaster, Ny 140869502	Erie	1.1	Off	D005
110	NJD042908954	Scott Specialty Gases Inc	2330 Hamilton Boulevard So Plainfield, Nj 070800000	Middlesex	57	Off	D002, D010
111	PA0001018928	SGL Carbon Corp	900 Theresia St St Marys, Pa 158570000	Elk	19	Off	D023, D024, D025
112	WAD990828402	Siemens Power Corp Nuclear Division	2101 Horn Rapids Rd Richland, Wa 99352	Benton	914	On	D002
113	CAD009131392	Siliconix, Inc.	2201 Laurel Wood Rd Santa Clara, ca 95054	Santa Clara	5.3	Off	F003, F005
114	MAD029924834	Spectran Corp	50 Hall Rd Sturbridge, Ma 015660000	Worcester	21.7	Off	D022
115	NHD982195448	Spectrum Direct	39 Sheep Davis Rd rte 106 Pembroke, Nh 033010000	Merrimack	3	Off	D018
116	PRD090021056	Squibb Manufacturing, Inc.	State Road # 3 Km 77.5 Humacao, Pr 007910000	Humacao	32,832	On	F002
117	WAD050956671	St Services	Port of Vancouver Terminal 2 Vancouver, Wa 98660	Clark	9	Off	D002
118	MOD006265474	Systems & Electronics Inc	1 McDaniel St West Plains, Mo 657750000	Howell	3.2	Off	D007, D008
119	TXD000804302	Sea Lion Technology, Inc.	5700 Johnny Palmerroad Texas City, Tx 77590	Galveston	117.6	Off	D002

120	TXD096036561	Stantrans, Inc.	1111 Main Dockroad Texas City, Tx 77590	Galveston	4.8	Off	D002
121	TXD008084618	Sugar Land	7701 Highway 90-a Sugar Land, Tx 77478	Fort Bend	12,260	On	F005, P028, P102, U008
122	PAD987266665	Tech Met Inc	15 Allegheny Sq Glassport, Pa 150450000	Allegheny	44	On	D002
123	RID045365541	Technical Materials Inc.	5 Wellington Rd. Lincoln, Ri 028650000	Providence	1,096	On	D002
124	CAD076243815	Teledyne Casting Service-Cast Products	4200 West Valley Blvd. Pomona, ca 91766	Los Angeles	13	Off	D002
125	PAD003053709	Textron Lycoming	652 Oliver St Williamsport, Pa 177010000	Lycoming	1,109	On	D003, D006, D007
126	LAD008187080	The Dow Chemical Company	Hwy 1 South Plaquemine, La 707650150	Iberville	6,008,511	On	F001, F002, F003, F005, K106, K019, U044, U045, U077, U080, U083, U211
127	MAD007325814	Texas Instruments, Inc.	34 Forrest Street Attleboro, Ma 027030000	Bristol	7	Off	None reported
128	MD3210021355	U S Army Garrison Aberdeen Proving Grnd	Aberdeen Proving Groundsteap Sh Ew Apg, Md 210055001		71	Off	D006, D008
129	GAD003275252	Union Camp - Savannah	West Lathrop Avenue Savannah, Ga 31408	Chatham	458	On	D002
130	GAD003299526	Union Camp Corp - Valdosta Chemical	1401 East Hill Avenue Valdosta, Ga 31601	Lowndes	1,483	On	D002
131	NHD045513785	Unitrode Corporation	7 Continental Blvd Merrimack, Nh 030540000	Hillsborough	0.3	Off	D004
132	ILD084741222	UOP Inc	50 E Algonquin Rd Des Plaines, Il 600175017	Cook	4.2	Off	D002
133	NC1170027261	US MCAS Cherry Point	Nc Hwy 101 @ Us 70 W Cherry Point, Nc 285330006	Craven	20	On	D006, D007
134	CT4170022020	US Naval Submarine Base	Crystal Lake Rd Rte 12 Groton, Ct 063495039	New London	0.2	Off	D002
135	NYD175773779	Vanchem Inc	1 N Transit Rd Lockport, Ny 140940000	Niagara	4,692	On	D002, F002, P078
136	CA9570025149	Vandenberg AFB	30 Ces/cev, 806 13th St, Suite 116 Vandenberg, ca 934375242	Santa Barbara	1	Off	D002, D003, F003, F005
137	CTD001181205	Vanderbilt Chemical Corp	31 Taylor Ave Bethel, Ct 068010000	Fairfield	39	Off	D002, D003, F003, F005
138	NYD052987096	Von Roll Isola USA, Inc.	One West Campbell Road Schenectady, Ny 123062496	Schenectady	4.6	Off	D001, D018, D026, F003, F005

139	MDD980694012	W L Gore & Associates Inc	295 Blue Ball Rd Baltimore, Md 219210000	Cecil	302	Off	D002
140	OHD020273819	Waste Management of Ohio Inc	3956 State Route 412 Vickery, Oh 434640000	Sandusky	216	On	>100 codes (Dxxx, Fxxx, Kxxx, Pxxx, Uxxx)
141	AZD982441263	Westates Carbon-Arizona Inc	2523 Mutahar St Parker, Az 85344	La Paz	176,146	On	F001, F002, F003, F004, F005
142	UTD092024934	Western Zirconium CBS Corporation - Cnfd	10,000 West 900 South Ogden, Ut 844049799	Weber	206,074	On	D002
143	PAD074953241	Westinghouse Waltz Mill	I70 Madison Exit 25b Madison, Pa 156630158	Westmoreland	16	Off	D006, D007, D008
144	MND006251839	Wolkerstorfer Co Inc	348 1st St Sw New Brighton, Mn 551127701	Ramsey	430.7	On	D007
145	WID990829475	WRR Environmental Services Co., Inc	5200 State Rd 93 Washington, Wi 54701		46	Off	F005
146	PAD014360390	Wyeth Labs Inc	Wasp & Biddle St Marietta, Pa 175470304	Lancaster	15	Off	D002
147	CTD001141662	Yardney Tech Products Inc	82 Mechanic St Pawcatuck, Ct 063790000	New London	2	Off	D011
Column total (1997 tons generated) =						<b>16,157,497</b>	



**QUERY 3 (continued): Industry Subtotals by Waste Management Facility 4-Digit SIC Code:**  
**Annual Quantities RCRA Hazardous Waste Managed in M041 Liquid Incinerators**  
**Which Also Manage F001, F002, F003, F004 or F005 Spent Solvents (source: 1997 BRS)**

Item	SIC code	Economic Sector	Sub-sector	Industry	Waste mgmt facility count	Waste stream count	Waste Quantity Managed*	
							Tons	%
1	NR	Not reported	Not reported	Not reported	56	61,565	377,063.0	26.21%
2	2079	Manufacturing	Food & kindred products	Edible fats & oils nec	1	12	66.1	<0.01%
3	2671		Paper & allied products	Packaging paper & plastics film, coated & laminated	1	1	1.4	<0.01%
4	2812		Chemicals & allied products	Alkalies & chlorine	2	36	4,398.5	0.31%
5	2819			Industrial inorganic chemicals nec	2	6	7,508.8	0.52%
6	2821			Plastics materials & resins	11	224	491,818.4	34.18%
7	2824			Man-made organic fibers, except cellulosic	1	4	14.0	<0.01%
8	2833			Medicinal chemicals & botanicals	6	99	98,576.6	6.85%
9	2834			Pharmaceutical preparations	5	9	32,502.3	2.26%
10	2835			In vitro & in vivo diagnostic substances	1	3	296.3	0.02%
11	2861			Gum & wood chemicals	1	1	32.0	<0.01%
12	2865			Cyclic organic crudes, intermediates, dyes & pigments	2	16	61,711.6	4.29%
13	2869			Industrial organic chemicals nec	11	392	91,544.7	6.36%
14	2879			Pesticides & agricultural chemicals nec	6	106	232,954.4	16.19%
15	3861		Instruments & related products	Photographic equipment & supplies	1	148	24,053.0	1.67%
16	4953	Transportation & Utilities	Electric, gas & sanitary services	Refuse systems	9	77	15,420.6	1.07%
17	7869	Services? (4-digit mistake)	Motion pictures? (4-digit mistake)	Unknown (4-digit mistake)	1	1	3.3	<0.01%
18	8731	Services	Engineering & management services	Commercial physical & biological research	1	1,553	400.5	0.03%
19	8733			Noncommercial research organizations	1	1	0.2	<0.01%
20	9711	Public Administration	National security & international affairs	National security	1	2	1.2	<0.01%
21	9999	Nonclassifiable	Nonclassifiable	Nonclassifiable establishments	2	15	364.8	0.03%
Total =					84	64,271	<b>1,438,731.6</b>	100.0%
						Min=	0.0005	
						Max=	434,000	
						Mean=	22.39	
						Median=	0.05	

\* Quantities in this table include the amounts of F001 to F005 spent solvents incinerated (M041), plus amounts of any other RCRA hazardous wastecodes also incinerated in the same unit in the same year.

**QUERY 3 (continued): Waste Generation Process/Activity Source Subtotals:**  
**Annual Quantities of RCRA Hazardous Waste Managed in M041 Liquid Incinerators**  
**Which Also Manage F001, F002, F003, F004 or F005 Spent Solvents (source: 1997 BRS)**

Item	BRS source code	Waste source process/activity category	Waste source process/ activity description	Waste mgmt facility count	Waste stream count	1997 Hazardous Waste Quantity Managed*	
						Tons	%
1	NR	Not reported	Not reported	60	61,607	389,039.9	27.0%
2	A01	Cleaning & degreasing	Stripping	1	2	142.4	4.2%
3	A02		Acid cleaning	2	2	531.6	
4	A03		Caustic (alkali) cleaning	2	3	126.9	
5	A04		Flush rinsing	12	35	26,380.9	
6	A05		Dip rinsing	3	6	2.9	
7	A06		Spray rinsing	2	2	180.2	
8	A07		Vapor degreasing	1	1	0.1	
9	A09		Clean-out process equipment	19	118	33,145.6	
10	A19		Other cleaning & degreasing	6	24	296.4	
11	A21	Surface preparation & finishing	Painting	7	25	138.0	0.03%
12	A29		Electroplating	2	6	250.2	
13	A31	Processes other than surface preparation	Product rinsing	9	15	31,219.7	33.5%
14	A32		Product filtering	11	41	25,740.3	
15	A33		Product distillation	23	168	75,544.2	
16	A34		Product solvent extraction	8	21	43,059.8	
17	A35		By-product processing	7	16	19,955.1	
18	A36		Spent catalyst removal	5	9	805.5	
19	A37		Spent process liquids removal	21	118	259,297.6	
20	A38		Tank sludge removal	5	8	3,028.7	
21	A39		Slag removal	2	2	66.2	
22	A41		Plastics forming	2	2	1.8	
23	A49		Other processes other than surface preparation	6	16	23,866.0	

24	A51	Production or service derived one-time & intermittent processes	Leak collection	8	10	61.1	32.2%
25	A53		Cleanup of spill residues	10	32	534.2	
26	A54		Oil changes	15	26	871.9	
27	A55		Filter/battery replacement	1	1	0.8	
28	A56		Discontinue use of process equipment	3	5	4.7	
29	A57		Discarding off-spec material	17	96	444,780.6	
30	A58		Discarding out-of-date products or chemicals	10	46	4,131.2	
31	A59		Other production-derived one-time and intermittent processes	11	66	12,323.8	
32	A60		Sludge removal	5	5	139.4	
33	A63	Remediation derived waste	RCRA corrective action at solid waste management unit	2	2	5.1	0.01%
34	A69		Other remediation	1	1	139.3	
35	A71	Pollution control or waste treatment processes	Filtering/screening	2	2	83.0	2.2%
36	A73		Solvents recovery	8	13	3,361.0	
37	A74		Incineration/thermal treatment	6	9	315.7	
38	A75		Wastewater treatment	7	10	16,983.2	
39	A76		Sludge dewatering	2	2	1,362.2	
40	A78		Stabilization	8	11	2,024.7	
41	A79		Air pollution control devices	2	3	424.4	
42	A89		Other pollution control or waste treatment	5	12	7,096.9	
43	A91	Other processes	Clothing & personal protective equipment	1	2	5.0	0.8%
44	A92		Routine cleanup wastes (e.g. floor sweepings)	3	4	1,634.8	
45	A93		Closure of management unit(s) or equipment other than by remediation specified in codes A61 to A69	1	1	0.3	
46	A94		Laboratory wastes	27	1,651	1,763.8	
47	A99		Other	9	20	7,864.5	
Total =				84	64,271	1,438,731.6	100.0%

\* Quantities in this table include amounts of F001 to F005 spent solvents incinerated (M041), plus amounts of any other RCRA hazardous wastecodes also incinerated in the same unit in the same year.

**QUERY 3 (continued): Physical Form Subtotals:**

**Annual Quantities of RCRA Hazardous Waste Managed in M041 Liquid Incinerators  
Which Also Manage F001, F002, F003, F004 or F005 Spent Solvents (source: 1997 BRS)**

Item	BRS form code	Physical form category	Physical form description	Waste mgmt facility count	Waste stream count	1997 Hazardous Waste Quantity Managed*	
						Tons	%
1	NR	Not reported	Not reported	12	12,376	136,530.0	9.5%
2	B001	<b>Lab packs</b> (of mixed wastes, chemicals, lab wastes)	Lab packs of old chemicals only	12	32,005	1,537.2	0.15%
3	B002		Lab packs of debris only	1	1,059	27.4	
4	B003		Mixed lab packs	16	1,638	410.1	
5	B004		Lab packs containing acute hazardous wastes	6	216	142.6	
6	B009		Other lab packs	3	5	48.9	
7	B101	<b>Inorganic liquids:</b> waste that is primarily inorganic & highly fluid (e.g. aqueous), with low suspended inorganic solids & low organic content.	Aqueous waste with low solvents	40	1,669	379,178.5	32.9%
8	B102		Aqueous waste with low other toxic organics	25	548	60,783.3	
9	B103		Spent acid with metals	9	44	1,008.8	
10	B104		Spent acid without metals	13	35	193.5	
11	B105		Acidic aqueous waste	20	1,077	2,039.6	
12	B106		Caustic solution with metals but no cyanides	7	34	393.3	
13	B107		Caustic solution with metals and cyanides	7	158	935.5	
14	B108		Caustic solution with cyanides but not metals	5	11	208.0	
15	B109		Spent caustic	10	29	471.3	
16	B110		Caustic aqueous waste	21	904	4,132.5	
17	B111		Aqueous waste with reactive sulfides	11	22	5,380.8	
18	B112		Aqueous waste with other reactives (e.g. explosives)	4	68	769.9	
19	B113		Other aqueous waste with high dissolved solids	10	61	920.9	
20	B114		Other aqueous waste with low dissolved solids	14	74	1,844.4	
21	B115		Scrubber water	7	9	1,910.6	

22	B116		Leachate	4	4	66.5	
23	B117		Waste liquid mercury	2	60	3.9	
24	B119		Other inorganic liquids	14	375	13,526.1	
25	B201	<b>Organic liquids:</b> waste that is primarily organic and is highly fluid, with low inorganic solids content and low-to-moderate water content	Concentrated solvent-water solution	38	401	54,714.7	53.6%
26	B202		Halogenated (e.g. chlorinated) solvent	35	2,704	26,025.0	
27	B203		Nonhalogenated solvent	44	1,556	63,807.3	
28	B204		Halogenated/nonhalogenated solvent mixture	38	729	65,066.7	
29	B205		Oil-water emulsion or mixture	20	132	13,996.9	
30	B206		Waste oil	27	228	12,755.6	
31	B207		Concentrated aqueous solution of other organics	30	478	19,419.8	
32	B208		Concentrated phenolics	10	21	808.7	
33	B209		Organic paint, ink, lacquer, or varnish	24	458	12,167.3	
34	B210		Adhesives or epoxies	12	59	867.7	
35	B211		Paint thinner or petroleum distillates	21	712	2,662.7	
36	B212		Reactive or polymerizable organic liquid	23	632	23,796.2	
37	B219		Other organic liquids	33	831	474,744.6	
41	B301	<b>Inorganic solids:</b> waste that is primarily inorganic and solid, with low organic content and low-to-moderate water content; not pumpable	Soil contaminated with organics	8	55	861.6	0.16%
42	B303		Ash, slag, or other residue from incineration of wastes	4	4	57.0	
43	B307		Metal scale, filings, or scrap	3	3	14.9	
44	B309		Batteries or battery parts, casings, cores	5	8	32.0	
45	B310		Spent solid filters or adsorbents	8	19	74.7	
46	B311		Asbestos solids & debris	2	2	21.1	
47	B312		Metal-cyanide salts/chemicals	3	108	253.2	
48	B314		Reactive sulfide salts/chemicals	1	3	0.5	
49	B315		Other reactive salts/chemicals	4	34	487.6	
50	B316		Other metal salts/chemicals	1	80	5.5	
51	B319		Other waste inorganic solids	9	35	552.6	

53	B401	<b>Organic sludges:</b> waste that is primarily organic & solid, with low-to-moderate inorganic content & water content; not pumpable.	Halogenated pesticide solid	3	12	9.1	0.44%
54	B402		Nonhalogenated pesticide solid	2	2	142.7	
55	B403		Solid resins or polymerized organics	7	53	2,460.9	
56	B404		Spent carbon	4	5	211.8	
57	B405		Reactive organic solid	5	10	12.1	
58	B406		Empty fiber or plastic containers	2	2	2.9	
59	B407		Other halogenated organic solids	8	1,495	1,720.1	
60	B409		Other nonhalogenated organic solids	13	73	1,802.4	
64	B503	<b>Inorganic sludges:</b> waste that is primarily inorganic, with moderate-to-high water content & low organic content; pumpable	Wastewater treatment sludge with toxic organics	7	13	942.4	0.14%
65	B504		Other wastewater treatment sludge	2	2	210.0	
66	B505		Untreated plating sludge without cyanides	1	322	425.6	
67	B506		Untreated plating sludge with cyanides	2	3	1.9	
68	B512		Sediment or lagoon dragout contaminated with organics	2	2	8.4	
69	B516		Chloride or other brine sludge	1	1	9.2	
70	B519		Other inorganic sludges	9	27	395.8	
72	B601	<b>Organic sludges:</b> waste that is primarily organic with low-to-moderate inorganic solids content & water content; pumpable	Still bottoms of halogenated (e.g. chlorinated) solvents or other organic liquids	6	20	2,688.7	2.5%
73	B602		Still bottoms of nonhalogenated solvents or other organic liquids	10	28	14,500.6	
74	B603		Oily sludge	7	32	1,138.7	
75	B604		Organic paint or ink sludge	5	135	441.8	
76	B605		Reactive or polymerizable organics	2	2	96.6	
77	B606		Resins, tars, or tarry sludge	4	169	201.7	
78	B607		Biological treatment sludge	2	2	16,520.0	
79	B609		Other organic sludges	9	46	600.0	
81	B701	<b>Gases</b>	Inorganic gases	1	5	6.3	<0.01%
82	B801		Organic gases	2	14	35.2	
38	B296	Mistaken form code entries	Mistaken form code entries	2	3	2,589.6	0.6%
39	B297			2	3	221.3	
40	B298			2	5	46.0	

52	B393		1	5	19.6	
61	B489		1	2	12.4	
62	B495		1	1	30.5	
63	B496		1	1	3,368.3	
71	B597		1	1	63.3	
80	B695		1	2	2,138.2	
Total =			84	64,271	<b>1,438,731.6</b>	100.0%

\* Quantities in this table include the amounts of F001 to F005 spent solvents incinerated (M041), plus amounts of any other RCRA hazardous wastecodes also incinerated in the same unit in the same year.

**QUERY 3 (continued): Subtotals by RCRA Hazardous Wastecode Groups (all SIC codes):**  
**Annual Quantities of RCRA Hazardous Waste Managed in M041 Liquid Incinerators**  
**Which Also Manage F001, F002, F003, F004, F005 Spent Solvents (source: 1997 BRS)**

RCRA hazard ous wastec ode group	Wastecode group definition	Data query wastecode criteria	Wast e mgmt facilit y count	Wast e strea m count	1997 Hazardous Waste Quantity Managed*	
					Tons	%
Dxxx	Hazardous waste characteristics (40 CFR 261 Subpart C)	If one or more Dxxx	77	58,556	1,327,733.7	92.3%
		If includes D001 (ignitable)	74	37,624	1,198,826.0	83.3%
		If includes D002 (corrosive)	48	19,746	322,504.3	22.4%
		If includes D003 (reactive)	35	6,394	255,364.6	17.7%
		If one or more D004 to D011 (leachable inorganic chemicals)	43	13,283	149,400.6**	10.4%
		If one or more D012 to D043 (leachable organic chemicals)	58	9,955	473,437.6***	32.9%
Fxxx	Hazardous wastes from non-specific sources (40 CFR 261.31)	If one or more Fxxx	84	15,112	632,271.5	43.9%
		If one or more F001, F002, F003, F004 and/or F005 (spent solvents)	84	14,408	616,757.7	42.9%
		If one or more F006 to F039****	21	957	27,965.3*** *	1.9%
Kxxx	Hazardous wastes from specific sources (40 CFR 261.32)	If one or more Kxxx	20	298	241,438.3	16.8%
Pxxx	Discarded or off- spec commercial chemical products, container residues & spill residues thereof (40 CFR 261.33)	If one or more Pxxx (acutely hazardous)	19	4,682	207,655.7	14.4%
Uxxx		If one or more Uxxx (hazardous)	40	7,886	288,904.3	20.1%
Non-duplicative total =			84	64,271	<b>1,438,731.6</b>	100.0%

\* Quantities in this table include the amounts of F001 to F005 spent solvents incinerated (M041), plus amounts of any other RCRA hazardous wastecodes also incinerated in the same unit in the same year.

\*\* D004 to D011: SIC code 4953 (refuse system) facilities account for 14,169.6 tons.

\*\*\* D012 to D043: SIC code 4953 (refuse system) facilities account for 2,699.3 tons.

\*\*\*\* F006 to F039: SIC code 4953 (refuse system) facilities account for 451.7 tons.

**QUERY 4: List of Wastecodes Sorted by Industry SIC Code  
for All RCRA Hazardous Wastes Managed  
in Spent Solvent (F001 to F005) Liquid Incinerators (M041)  
Which Generated Scrubber Waters (B115)**

**(source: based on data from only the six total LQG facilities in the 1997 BRS which reported B115 generated from M041)**

Item	Facility ID	Waste form code	Industry SIC code	Waste source code	Waste management Location	Waste treatment technology code	1997 quantity waste generated (tons)	RCRA Hazardous Wastecode
1	LAD008187080	B003	2812	A94	On Site	M041	0.01	D003
2	LAD008187080	B202	2812	A09	On Site	M041	11.05	D019
3	LAD008187080	B202	2812	A53	On Site	M041	0.30	D019;D022;D040;F002
4	LAD008187080	B203	2812	A21	On Site	M041	0.09	D001;U002
5	LAD008187080	B301	2812	A59	On Site	M041	0.08	D002
6	LAD008187080	B110	2812	A53	On Site	M041	0.81	D002
7	LAD008187080	B203	2812	A09	On Site	M041	0.14	D001;F003
8	LAD008187080	B104	2812	A37	On Site	M041	0.06	D002
9	LAD008187080	B203	2812	A09	On Site	M041	0.15	D002
10	LAD008187080	B003	2812	A94	On Site	M041	0.24	D001;F003;F005
11	LAD008187080	B206	2812	A09	On Site	M041	0.12	F001
12	LAD008187080	B203	2812	A09	On Site	M041	2.50	D019
13	LAD008187080	B203	2812	A09	On Site	M041	0.08	D002
14	LAD008187080	B110	2812	A53	On Site	M041	1.13	D002
15	LAD008187080	B203	2812	A09	On Site	M041	1,608.24	D019;D021;D022;D033;D034;D039
16	OHD004304689	B207	2821	A57	On Site	M041	256.83	D001
17	OHD004304689	B207	2821	A32	On Site	M041	75.74	D001
18	OHD004304689	B602	2821	A73	On Site	M041	804.55	F005;F003;D035;D001
19	OHD004304689	B204	2821	A53	On Site	M041	0.06	F002;D035;D001
20	OHD004304689	B203	2821	A09	On Site	M041	245.98	F005;D001;F003
21	OHD004304689	B207	2821	A94	On Site	M041	0.19	D008;D001
22	OHD004304689	B209	2821	A32	On Site	M041	9.25	D001
23	OHD004304689	B212	2821	A57	On Site	M041	0.82	D003
24	OHD004304689	B211	2821	A35	On Site	M041	68.75	D001
25	LAD008187080	B203	2821	A37	On Site	M041	527.80	D001
26	LAD008187080	B003	2821	A94	On Site	M041	0.06	D001
27	LAD008187080	B203	2821	A57	On Site	M041	0.11	D001
28	LAD008187080	B203	2821	A37	On Site	M041	2.84	D001;U056

29	LAD008187080	B110	2821	A37	On Site	M041	0.14	D002
30	LAD008187080	B203	2821	A37	On Site	M041	6.00	D001
31	LAD008187080	B203	2821	A37	On Site	M041	13.10	D001
32	OHD004304689	B211	2821	A35	On Site	M041	200.53	D035;D018;D001
33	LAD008187080	B003	2821	A94	On Site	M041	0.02	D001;F003
34	LAD008187080	B003	2821	A94	On Site	M041	0.40	D002
35	LAD008187080	B403	2821	A41	On Site	M041	0.11	D001
36	LAD008187080	B203	2821	A58	On Site	M041	1.75	U188
37	LAD008187080	B003	2821	A94	On Site	M041	0.05	D001;D002;D003;U008;U077
38	LAD008187080	B003	2821	A94	On Site	M041	0.12	D001;D018;D019;D022;D028;U003;U044;U057;U101
39	LAD008187080	B003	2821	A94	On Site	M041	0.11	D001
40	LAD008187080	B201	2821	A36	On Site	M041	755.40	D001
41	LAD008187080	B201	2821	A37	On Site	M041	0.15	D001
42	LAD008187080	B207	2821	A37	On Site	M041	691.48	D001
43	LAD008187080	B203	2821	A09	On Site	M041	1.43	D001;D011
44	LAD008187080	B203	2821	A37	On Site	M041	0.04	D001
45	LAD008187080	B003	2821	A94	On Site	M041	0.35	D001;D022;F001;F003;F005
46	ALD001221902	B203	2821	A91	On Site	M041	3.65	D001
47	ALD001221902	B203	2821	A33	On Site	M041	15.56	D001;D035
48	ALD001221902	B203	2821	A33	On Site	M041	1.98	D001
49	ALD001221902	B101	2821	A33	On Site	M041	6.75	D001;D035
50	ALD001221902	B203	2821	A91	On Site	M041	1.40	D001
51	ALD001221902	B204	2821	A33	On Site	M041	25.99	D001
52	ALD001221902	B204	2821	A33	On Site	M041	1.92	D001;U041
53	ALD001221902	B210	2821	A33	On Site	M041	4.34	D001
54	ALD001221902	B210	2821	A57	On Site	M041	0.30	D001
55	LAD008187080	B205	2821	A58	On Site	M041	0.35	D001
56	ALD001221902	B210	2821	A57	On Site	M041	23.43	F005;D001
57	ALD001221902	B203	2821	A09	On Site	M041	6.61	D001;D035;F003
58	ALD001221902	B203	2821	A09	On Site	M041	2.78	F005;D001;D035
59	ALD001221902	B203	2821	A09	On Site	M041	0.48	F003;D001
60	ALD001221902	B203	2821	A09	On Site	M041	7.23	F005;D001
61	LAD008187080	B203	2821	A09	On Site	M041	16.47	D001
62	LAD008187080	B206	2821	A37	On Site	M041	2,253.38	D001;F003
63	LAD008187080	B203	2821	A09	On Site	M041	0.10	D001
64	LAD008187080	B003	2821	A94	On Site	M041	0.05	D001;D002;F003
65	LAD008187080	B207	2821	A37	On Site	M041	0.20	D001
66	LAD008187080	B003	2821	A94	On Site	M041	0.20	D001

67	OHD004304689	B101	2821	A35	On Site	M041	1,270.21	D035;D001
68	LAD008187080	B203	2821	A09	On Site	M041	4.20	D001
69	LAD008187080	B003	2821	A94	On Site	M041	0.11	D001;F005
70	OHD004304689	B207	2821	A71	On Site	M041	82.83	D001
71	OHD004304689	B209	2821	A57	On Site	M041	266.95	D035;D001
72	LAD008187080	B203	2821	A09	On Site	M041	0.67	D001
73	LAD008187080	B003	2821	A94	On Site	M041	0.02	D001;D022;F002;F003;F005
74	LAD008187080	B003	2821	A94	On Site	M041	0.16	D001
75	OHD004304689	B209	2821	A94	On Site	M041	1.95	F003;D001;D038;D035
76	LAD008187080	B003	2821	A94	On Site	M041	0.04	D001;D002;D003
77	LAD008187080	B003	2821	A94	On Site	M041	0.06	D001;F003
78	LAD008187080	B201	2821	A37	On Site	M041	27.75	D001
79	LAD008187080	B203	2821	A09	On Site	M041	2.88	D001;D018
80	LAD008187080	B203	2821	A94	On Site	M041	7.25	D001;F005
81	LAD008187080	B003	2821	A94	On Site	M041	5.60	D001;F003;F005;U056;U213
82	LAD008187080	B203	2821	A37	On Site	M041	0.53	D001
83	LAD008187080	B003	2821	A94	On Site	M041	2.11	D001;F003;F005
84	LAD008187080	B003	2821	A94	On Site	M041	0.08	D001;D022;F003
85	LAD008187080	B203	2821	A57	On Site	M041	0.06	D001
86	LAD008187080	B212	2821	A58	On Site	M041	3.13	D001
87	PAD980550412	B201	2833	A89	On Site	M041	96.08	D001
88	PAD980550412	B204	2833	A31	On Site	M041	2,349.51	F002;F003;F005;D001
89	PAD980550412	B201	2833	A73	On Site	M041	208.26	F003;D001
90	PAD980550412	B101	2833	A37	On Site	M041	7,756.46	D001;D002
91	PRD090021056	B101	2834	A37	On Site	M041	3,214.74	F002;F003;F005
92	PRD090021056	B101	2834	A37	On Site	M041	18,988.96	D001;F002;F003;F005
93	LAD008187080	B203	2861	A09	On Site	M041	31.99	D001;D018
94	ALD001221902	B101	2869	A34	On Site	M041	4.46	D001;F003
95	LAD008187080	B219	2869	A09	On Site	M041	2.09	D001
96	ALD001221902	B602	2869	A33	On Site	M041	2,689.52	F003;F005;D001
97	LAD008187080	B211	2869	A54	On Site	M041	0.42	D001
98	LAD008187080	B003	2869	A94	On Site	M041	0.53	F001
99	LAD008187080	B211	2869	A09	On Site	M041	5.83	D001;D003
100	LAD008187080	B003	2869	A94	On Site	M041	0.03	D001
101	ALD001221902	B204	2869	A94	On Site	M041	4.38	D001;D022;F002;F003;F005
102	ALD001221902	B203	2869	A09	On Site	M041	0.31	D001;F005;F003
103	LAD008187080	B211	2869	A09	On Site	M041	13.72	D001;D018
104	LAD008187080	B206	2869	A54	On Site	M041	10.42	D019;D028;F001

105	ALD001221902	B203	2869	A09	On Site	M041	11.85	D001;F003;U239
106	LAD008187080	B211	2869	A37	On Site	M041	9.01	D001
107	ALD001221902	B219	2869	A09	On Site	M041	4.92	F003;U239;U002;D001;D018
108	ALD001221902	B204	2869	A94	On Site	M041	4.38	D001;D022;F002;F003;F005
109	ALD001221902	B203	2869	A09	On Site	M041	1.43	U154;U239;F003;U002;D001
110	LAD008187080	B003	2869	A94	On Site	M041	0.05	D001;F005
111	ALD001221902	B201	2869		On Site	M041	2.39	D001;D018;D026;D036;F003
112	ALD001221902	B204	2869	A94	On Site	M041	1.05	D001;D025;D036;F003;F005
113	LAD008187080	B211	2869	A37	On Site	M041	0.16	D001
114	ALD001221902	B203	2869	A09	On Site	M041	0.19	D001;F003;U059
115	ALD001221902	B203	2869	A09	On Site	M041	0.21	D001;F003;F005
116	ALD001221902	B201	2869	A09	On Site	M041	0.60	D001;F005
117	ALD001221902	B203	2869	A09	On Site	M041	6.91	F003;D001;U002;U239
118	ALD001221902	B101	2869	A34	On Site	M041	0.75	D001
119	LAD008187080	B003	2869	A94	On Site	M041	0.14	D018
120	LAD008187080	B206	2869	A54	On Site	M041	0.04	D001
121	LAD008187080	B202	2869	A53	On Site	M041	0.15	U080
122	LAD008187080	B206	2869	A54	On Site	M041	0.31	D001
123	LAD008187080	B203	2869	A94	On Site	M041	0.48	F001
124	LAD008187080	B211	2869	A09	On Site	M041	0.01	D001
125	ALD001221902	B219	2869	A57	On Site	M041	0.83	F003;U239;U002;D001;D018
126	LAD008187080	B203	2869	A57	On Site	M041	0.54	D001;U019
127	ALD001221902	B203	2869	A09	On Site	M041	21.21	D001;F003;U056
128	LAD008187080	B310	2869	A51	On Site	M041	0.28	D001;U077
129	LAD008187080	B204	2869	A57	On Site	M041	0.06	D001
130	LAD008187080	B204	2869	A51	On Site	M041	3.32	D019;D040;D043;K016;K019
131	ALD001221902	B204	2869	A59	On Site	M041	0.49	F002;F003;F005;D001;D011
132	LAD008187080	B203	2869	A21	On Site	M041	34.95	D001;F003;F005
133	LAD008187080	B003	2869	A94	On Site	M041	4.00	D001;D038;F003
134	LAD008187080	B209	2869	A21	On Site	M041	0.42	D001;F003
135	LAD008187080	B209	2869	A21	On Site	M041	3.46	D001;F003
136	LAD008187080	B209	2869	A21	On Site	M041	0.29	D001;F003
137	LAD008187080	B209	2869	A21	On Site	M041	9.57	D001;F003
138	LAD008187080	B209	2869	A21	On Site	M041	0.70	D001;F003
139	LAD008187080	B209	2869	A21	On Site	M041	0.08	D001;F003
140	LAD008187080	B202	2869	A09	On Site	M041	2.45	D019;D028;D043
141	LAD008187080	B209	2869	A21	On Site	M041	0.41	D001;F003
142	LAD008187080	B209	2869	A21	On Site	M041	0.17	D001;F003

143	LAD008187080	B209	2869	A21	On Site	M041	0.09	D001;F003
144	LAD008187080	B003	2869	A94	On Site	M041	0.77	D001;F001;F003
145	LAD008187080	B203	2869	A09	On Site	M041	0.02	D001;D018
146	LAD008187080	B209	2869	A21	On Site	M041	0.17	D001;F003
147	LAD008187080	B203	2869	A09	On Site	M041	0.29	D001;D018
148	LAD008187080	B202	2869	A53	On Site	M041	0.31	D001;F001;F005
149	LAD008187080	B206	2869	A94	On Site	M041	0.50	D001;F002;F005
150	LAD008187080	B003	2869	A94	On Site	M041	0.03	D001;U083
151	LAD008187080	B203	2869	A57	On Site	M041	0.95	D001;D018
152	LAD008187080	B206	2869	A53	On Site	M041	0.62	D001;F003
153	LAD008187080	B202	2869	A56	On Site	M041	0.06	D022
154	LAD008187080	B003	2869	A94	On Site	M041	0.04	D001;F005
155	LAD008187080	B003	2869	A94	On Site	M041	0.48	D002
156	LAD008187080	B203	2869	A09	On Site	M041	14.52	D001;D002;F003;F005;U056
157	LAD008187080	B209	2869	A21	On Site	M041	0.55	D001;F003
158	LAD008187080	B209	2869	A21	On Site	M041	0.36	D001;F003
159	LAD008187080	B209	2869	A21	On Site	M041	1.16	D001;F003
160	LAD008187080	B201	2869	A09	On Site	M041	0.01	D001
161	LAD008187080	B203	2869	A58	On Site	M041	0.34	D001
162	LAD008187080	B205	2869	A53	On Site	M041	20.03	D001;D018;U019;U220;U239
163	LAD008187080	B003	2869	A94	On Site	M041	0.03	D019;D034;D039
164	LAD008187080	B404	2869	A36	On Site	M041	1.08	D018
165	LAD008187080	B003	2869	A94	On Site	M041	0.01	D001;D018;F003
166	LAD008187080	B110	2869	A09	On Site	M041	47.80	D002
167	LAD008187080	B003	2869	A94	On Site	M041	0.02	D001;F005
168	LAD008187080	B204	2869	A58	On Site	M041	0.01	D001
169	LAD008187080	B003	2869	A94	On Site	M041	0.01	D001;D018;F003
170	LAD008187080	B203	2869	A59	On Site	M041	59.69	D001;F005
171	ALD001221902	B602	2869	A33	On Site	M041	243.49	F003;F005;D001
172	LAD008187080	B206	2869	A53	On Site	M041	8.72	D001;D018
173	LAD008187080	B209	2869	A21	On Site	M041	1.32	D001;F003
174	LAD008187080	B204	2869	A37	On Site	M041	1,616.60	D001;D018;D019;D029;D033;D039;D040;D043;D027
175	LAD008187080	B303	2869	A09	On Site	M041	0.17	K016;K019;U077;U080;U083;U210;U211
176	LAD008187080	B202	2869	A37	On Site	M041	3.35	D022;D027;D040;K016;U077;U080;U083;U210;U211
177	LAD008187080	B202	2869	A37	On Site	M041	295.00	D001;D039;F025
178	LAD008187080	B204	2869	A94	On Site	M041	2.90	D001;D009;D011;D019;D022;D028;D029;D033;D034
179	LAD008187080	B204	2869	A37	On Site	M041	11.80	D001;D007;D009;D011;D018;D019;D021;D022;D027
180	LAD008187080	B202	2869	A53	On Site	M041	0.04	D001;U083

181	LAD008187080	B202	2869	A56	On Site	M041	0.14	D019;D022;D040;K016;K019;U077;U080;U083
182	LAD008187080	B203	2869	A09	On Site	M041	0.44	D001;U077
183	LAD008187080	B202	2869	A09	On Site	M041	0.38	D001;D018
184	ALD001221902	B602	2869	A33	On Site	M041	2,084.84	F003;D001
185	LAD008187080	B202	2869	A37	On Site	M041	1,608.24	D019;D021;D022;D033;D034;D039
186	ALD001221902	B201	2869	A33	On Site	M041	62.48	F003;D001
187	LAD008187080	B003	2869	A94	On Site	M041	0.01	D001
188	LAD008187080	B202	2869	A58	On Site	M041	0.33	F001
189	LAD008187080	B206	2869	A37	On Site	M041	61.70	D019;D022;D028;D029;U044;U077;U080;U210;U211
190	LAD008187080	B203	2869	A58	On Site	M041	1.38	F001
191	LAD008187080	B003	2869	A94	On Site	M041	0.66	D001;U154
192	LAD008187080	B203	2869	A53	On Site	M041	32.35	D028;D039
193	LAD008187080	B301	2869	A53	On Site	M041	0.20	D001
194	LAD008187080	B203	2869	A09	On Site	M041	0.08	D001;D019;D022;D028;D029;D033;D034;D039;D040
195	LAD008187080	B601	2869	A53	On Site	M041	74.00	D018;D019;D022;D028;D032;D033;D039;D040;D043
196	LAD008187080	B203	2869	A58	On Site	M041	0.09	D001;F003
197	LAD008187080	B203	2869	A37	On Site	M041	2.32	D001;F003
198	LAD008187080	B203	2869	A53	On Site	M041	59.50	D028;D039
199	LAD008187080	B204	2869	A57	On Site	M041	1.74	U044
200	LAD008187080	B203	2869	A58	On Site	M041	0.34	D001;U115;U154
201	LAD008187080	B003	2869	A94	On Site	M041	0.02	D003
202	LAD008187080	B202	2869	A58	On Site	M041	3,578.00	D001;D019;D022
203	LAD008187080	B202	2869	A57	On Site	M041	172.03	D001;D019;D022;D028;D039;U044;U077;U080;U210
204	LAD008187080	B203	2869	A58	On Site	M041	0.18	D001;F001;F003
205	LAD008187080	B202	2869	A74	On Site	M041	7.92	D001;D002;D019;D022;D028;D032;D033;D034;D038
206	LAD008187080	B203	2869	A53	On Site	M041	0.08	D001
207	LAD008187080	B202	2869	A09	On Site	M041	135.37	D001;D019;D022
208	LAD008187080	B003	2869	A94	On Site	M041	1.08	D001;D002;D003;D022;F003
209	LAD008187080	B203	2869	A53	On Site	M041	0.03	D001
210	LAD008187080	B203	2869	A37	On Site	M041	220.86	D001
211	LAD008187080	B203	2869	A37	On Site	M041	15.74	D001
212	LAD008187080	B003	2869	A94	On Site	M041	0.25	D001;U002;U031;U154;U211
213	LAD008187080	B504	2869	A76	On Site	M041	90.00	K019;K020;P022;U002;U003;U008;U019;U031
214	LAD008187080	B403	2869	A58	On Site	M041	0.42	D001
215	LAD008187080	B201	2869	A53	On Site	M041	0.69	D001;D018
216	LAD008187080	B203	2869	A53	On Site	M041	0.05	D001
217	LAD008187080	B201	2869	A37	On Site	M041	2.20	D028
218	LAD008187080	B201	2869	A09	On Site	M041	0.70	D002

219	LAD008187080	B201	2869	A09	On Site	M041	20.50	D001;D028
220	LAD008187080	B301	2869	A63	On Site	M041	0.39	D028
221	LAD008187080	B202	2869	A09	On Site	M041	3.00	D019;D022
222	LAD008187080	B201	2869	A09	On Site	M041	0.07	D028
223	LAD008187080	B202	2869	A09	On Site	M041	0.80	D001;D007;D009;D011;D018;D019;D021;D022;D027
224	LAD008187080	B003	2869	A94	On Site	M041	0.50	D001;D009;D011;D019;D022;D028;D029;D033;D034
225	LAD008187080	B203	2869	A37	On Site	M041	123.00	D001;D019;D022
226	LAD008187080	B003	2869	A94	On Site	M041	0.08	D001;F002;F005
227	LAD008187080	B203	2869	A71	On Site	M041	0.13	D028;D039
228	LAD008187080	B201	2869	A09	On Site	M041	0.24	D001;D018
229	LAD008187080	B202	2869	A37	On Site	M041	9.60	D002;D019;K016
230	LAD008187080	B601	2869	A59	On Site	M041	0.01	K019
231	LAD008187080	B201	2869	A37	On Site	M041	8.34	D001;D022;D028
232	LAD008187080	B203	2869	A37	On Site	M041	49.12	D001
233	LAD008187080	B204	2869	A36	On Site	M041	0.30	D001;D019;D022;D034
234	LAD008187080	B203	2869	A37	On Site	M041	16.74	D001
235	ALD001221902	B201	2869	A09	On Site	M041	7.20	F003
236	LAD008187080	B202	2869	A59	On Site	M041	0.53	U211
237	LAD008187080	B404	2869	A36	On Site	M041	0.04	D039;D040;K016
238	LAD008187080	B207	2869	A57	On Site	M041	0.22	D001
239	LAD008187080	B202	2869	A37	On Site	M041	0.53	U044
240	LAD008187080	B203	2869	A53	On Site	M041	0.09	D001;U154
241	LAD008187080	B202	2869	A09	On Site	M041	0.26	U211
242	LAD008187080	B202	2869	A37	On Site	M041	61.70	K019;D033
243	LAD008187080	B203	2869	A09	On Site	M041	0.43	D001;U019
244	LAD008187080	B202	2869	A37	On Site	M041	2,888.64	K016
245	LAD008187080	B202	2869	A37	On Site	M041	396.01	D022;D027;D028;D032;D033;D034;D039;D040;K016
246	LAD008187080	B202	2869	A69	On Site	M041	139.32	D001;D019;D022;D028;D040;K016
247	LAD008187080	B203	2869	A09	On Site	M041	1.09	D001;D018
248	LAD008187080	B211	2869	A58	On Site	M041	0.18	D001
249	LAD008187080	B003	2869	A94	On Site	M041	0.02	D001;D002;F003
250	LAD008187080	B203	2869	A09	On Site	M041	0.08	D001;U031
251	LAD008187080	B203	2869	A09	On Site	M041	0.40	D018
252	ALD001221902	B201	2869	A39	On Site	M041	40.05	F003;D001
253	LAD008187080	B003	2869	A94	On Site	M041	0.14	F001
254	LAD008187080	B203	2869	A32	On Site	M041	0.03	D022;U044;U080
255	LAD008187080	B003	2869	A94	On Site	M041	0.16	D001
256	LAD008187080	B003	2869	A94	On Site	M041	0.20	D001;D019;D022;F003

257	LAD008187080	B202	2869	A53	On Site	M041	0.06	U210
258	LAD008187080	B003	2869	A94	On Site	M041	0.12	D002;U019
259	LAD008187080	B203	2869	A09	On Site	M041	41.76	D001
260	LAD008187080	B003	2869	A94	On Site	M041	0.03	D001;D018;D019;D022;D028;F001;F002;F002;F005
261	LAD008187080	B211	2869	A21	On Site	M041	1.71	D001;D035;F003;F005
262	LAD008187080	B203	2869	A09	On Site	M041	0.21	D001;D018;U019;U220;U239
263	ALD001221902	B101	2869	A99	On Site	M041	254.68	D001;F001;F002;F003;F004
264	ALD001221902	B101	2869	A35	On Site	M041	30.19	D001
265	ALD001221902	B203	2869	A35	On Site	M041	432.40	D001
266	ALD001221902	B607	2869	A75	On Site	M041	15,980.62	F001;F002;F003;F004;F005
267	ALD001221902	B202	2869	A94	On Site	M041	0.08	F002
268	ALD001221902	B102	2869	A53	On Site	M041	8.40	D001;F003
269	ALD001221902	B219	2869	A35	On Site	M041	101.55	D001
270	ALD001221902	B203	2869	A94	On Site	M041	0.25	F003;F005;D001
271	LAD008187080	B203	2869	A37	On Site	M041	0.03	D001;F003;F005
272	LAD008187080	B203	2869	A58	On Site	M041	9.58	D018
273	LAD008187080	B003	2869	A94	On Site	M041	0.09	D001;D018
274	ALD001221902	B219	2869	A35	On Site	M041	104.03	D001
275	ALD001221902	B203	2869	A57	On Site	M041	8.01	F003;D036;D001
276	LAD008187080	B203	2869	A09	On Site	M041	50.55	D001;D018
277	LAD008187080	B203	2869	A09	On Site	M041	0.12	D018;D031
278	LAD008187080	B203	2869	A09	On Site	M041	0.49	D001;D018
279	ALD001221902	B203	2869	A33	On Site	M041	412.59	F003;D001;D036
280	ALD001221902	B207	2879	A33	On Site	M041	84.60	F005;D001
281	ALD001221902	B203	2879	A34	On Site	M041	421.71	F003;D001;D036
282	ALD001221902	B219	2879	A94	On Site	M041	0.94	D001;F002;F003;F005
283	ALD001221902	B201	2879	A34	On Site	M041	12.91	D001
284	ALD001221902	B203	2879	A09	On Site	M041	62.32	F003;D001;D036
285	ALD001221902	B207	2879	A57	On Site	M041	3.45	F005
286	OHD004304689	B204	4953	A51	On Site	M041	8.88	D035;D007;D001;D005;D008
287	OHD004304689	B101	4953	A04	On Site	M041	36.48	D008;D001
288	OHD004304689	B203	4953	A09	On Site	M041	363.16	F005;F003;D001
289	OHD004304689	B115	4953	A78	On Site	M041	44.42	F005;D009;D010;F003;F002
290	ALD001221902	B219	7869	A09	On Site	M041	3.32	F003;U239;U002;D001;D018
Column total (1997 tons managed) =							77,645	

**QUERY 5: LQG Facilities Generating Industrial “Scrubber Waters” (waste form code= B115)**  
 Derived-From the Treatment of RCRA Hazardous waste (waste origin code= 5)  
 in Thermal Incineration/Combustion Waste Treatment Units (source code= A74) or From Air Pollution Control Devices (source code= A78)

### **Query Selections**

Reporting Year selected: 1997

Origin Code entered: 5 (hazardous waste residuals from the on-site treatment, disposal, or recycling of a previously existing hazardous waste)

Management Location selected: Both (Offsite and Onsite)

Waste Origin selected: Wastes generated onsite

Form Code entered: B115 (scrubber waters)

Source Codes entered: A74 (incineration/thermal treatment) or A78 (air pollution control devices)

**Total Number of RCRA LQG (large quantity generator) Facilities Retrieved are: 21**

### **LIST OF EPA-REGULATED FACILITIES IN ENVIROFACTS**

Item	Facility ID	Waste Generator Name	Facility Address	County Name	Waste Quantity Generated (1997 Tons)	Waste Generated On- or Off-site	RCRA Wastecodes Assigned to Scrubber Waters (part or whole quantity) (40 CFR 261 Subparts C & D)
1	IND000810861	Amoco Oil Co Whiting Lakefront	Ne of 119th & Front St Whiting, in 463940000	Lake	688,693	On	F037, F038, K048, K051
2	LAR000018333	ARCO Chemical Company	900a Interstate Hwy 10 Westlake, La 706690000	Calcasieu	218,923	On	K027, K112, U037
3	TXD008099079	Basic Chemicals Co.	8615 Manchesterroad Houston, Tx 770120000	Harris	134,278	On	D002, F001, F002, F003
4	ALD001221902	Ciba Specialty Chemicals Corp	Ciba Rd off of Hwy 43 Mcintosh, Al 365530000	Washington	429,102	On	F001, F002, F003, F004, F005
5	WVD004341491	Cytec Industries, Willow Island Plant	No. 1 Heilman Avenue Willow Island, Wv 26134	Pleasants	328,680	On	F005, K002, K003, K005
6	UT5210090002	Deseret Chemical Depot	Highway 36 South Tooele, Ut 84074	Tooele	396	On	D004, D007, D008
					10,891	Off	
7	TXD055135388	Division of Set Environmental, Inc	5738 Cheswood Houston, Tx 77087	Harris	3.3	On	D002

8	NYD980592497	Eastman Kodak Company	1100 Ridgeway Avenue Rochester, Ny 146526259	Monroe	786,590	On	>100 wastecodes (Dxxx, Fxxx, Pxxx, Uxxx)
9	IND006050967	Eli Lilly & Co Tippecanoe Labs	1650 Lilly Rd Shadeland, in 479050000	Tippecanoe	275,742	On	U002, U003, U154, U220
10	PRD091024786	Eli Lilly Industries, Inc.	Lilly Del Caribe Mayaguez, Pr 006800000	Mayaguez	23,014	On	D022, F002, F003
11	NYD002080034	General Electric Co	260 Hudson River Rd Waterford, Ny 121880000	Saratoga	5,294,515	On	F039
12	TT0570090001	Johnston Atoll Chemical Agent Disposal	Johnston Island Apo, Tt 965580008	Former Trust Territories	7,726	On	D006, D007, D008
13	NYD000632372	Laidlaw Environmental Services Inc	4255 Research Pky Clarence, Ny 140310000	Erie	75	On	D002
14	PAD980550412	Lonza Inc	900 River Rd Conshohocken, Pa 194280000	Montgomery	13,680	On	F002, F003, F005
15	OHD004304689	PPG Industries Inc	559 Pittsburgh Rd Circleville, Oh 431130000	Pickaway	44	On	D009, D010, F002, F003, F005
					2,794	Off	
16	WVD981107600	Regeneration Technologies, Inc.	1000 Dupont Road, Bldg. 170 Morgantown, Wv 26505	Monongalia	2,016	On	F001, K087, U210, U220, U226
17	OHD048415665	Ross Incineration Services Inc	36790 Giles Road Grafton, Oh 440440000	Lorain	6,523	On	D004, D006, D007, D008, D010
18	PRD090021056	Squibb Manufacturing, Inc.	State Road # 3 Km 77.5 Humacao, Pr 007910000	Humacao	32,832	On	F002
19	TXD008084618	Sugar Land	7701 Highway 90-a Sugar Land, Tx 77478	Fort Bend	12,260	On	F005, P028, P102, U008
20	LAD008187080	The Dow Chemical Company	Hwy 1 South Plaquemine, La 707650150	Iberville	6,008,511	On	41 wastecodes (Dxxx, Fxxx, Kxxx, Pxxx, Uxxx)
21	AZD982441263	Westates Carbon-arizona Inc	2523 Mutahar St Parker, Az 85344	La Paz	176,146	On	F001, F002, F003, F004, F005
Total (1997 tons managed) =					<b>14,453,434</b>		
Subtotal spent solvents only (F001, F002, F003, F004, F005, and/or Dxxx, Pxxx, Uxxx solvent chemicals) =					<b>811,068</b>	6% of total	

## **PART B:**

### **Identity & Concentrations Of Chemical Constituents In “Scrubber Waters”**

#### **Data Query:**

**Data Source: USEPA Office of Solid Waste 1996 “National Hazardous Waste Constituent Survey” (NHWCS) database (contains data benchmarked to 1993 BRS)**

**Query Criterion: Waste physical form code B115 =  
“scrubber waters”**

## B115 = SCRUBBER WATER (INORGANIC LIQUIDS)

### SUMMARY OF WASTESTREAMS

#### QUERY OF THE 1996 NHWCS DATABASE

ITEM EPA ID	WSTID	SIC	3M WSPMCID	WWT?	WASTE DESCRIPTION	Exempt? POCOD
1 IL10U0020513	1	2212	3M 375	Y	MELUSA SCRUBBER FLUID DOWN FROM QUENCHING OF FUGI YE	N A78
2 IND000810331	2	2211	3M 375	Y	SCRUBBER SLURRY GENERATED FROM INCINERATOR OFF-GAS WET	N A74
3 IND006050337	15	2233	3M 375	Y	SCRUBBER WATER FROM INCINERATION OF LIQUID AZAPDOUS WASTE	Y A78
4 LAC00 890367	8	2222	3M 375	Y	Toxic, corrosive scrubber water from absorption system	N A74
5 LAC00 890367	12	2222	3M 375	Y	TOXIC CORROSIVE SCRUBBER WATER FROM ABSORPTION SYSTEM	Y A75
6 LAC000 07000	14	2222	3M 375	Y	PARTICULATE FROM INCINERATION OF WASTE	Y A74
7 MID000724724	7	2222	3M 375	Y	SCRUBBER WATER FROM INCINERATION COMPLEX	Y A74
8 MFL000729081	1	2211	3M 375	Y	LIQUID FLU IN INCINERATOR IN HWA - RHOX AIRFOIL	Y A74
9 TXD00038896	5	2222	3M 375	N	AIR POLLUTION SCRUBBER WASTE	A78
10 WWDJU43414-1	10	2222	3M 375	Y	SCRUBBER WASTE FROM FLUID BED INCINERATION	N A78

#### ITEM ID/RCODES

ITEM ID/RCODES	WSTIDC
1 D022	Generated On Site
2 F037K043K048K050K05	Generated On Site
3 F002GCC	Generated On Site
4 F001FCC2F001F004F005F024F025P001	Generated On Site
5 F001FCC2F001F004F005F024F025P001	Generated On Site
6 F001FCC2F001F004F005F024F025P001	Generated On Site
7 F001FCC2F001F004F005F024F025P001	Generated On Site
8 F001FCC2F001F004F005F024F025P001	Generated On Site
9 F001FCC2F001F004F005F024F025P001	Generated On Site
10 F001FCC2F001F004F005F024F025P001	Generated On Site

#### ITEM BY TYPE1 YTYPE1TWO7-101 FACILITY NAME

ITEM	BY TYPE1	YTYPE1TWO7-101	FACILITY NAME	CTY
1 M078	M 33	264.56	FMC CORP PHOSPHATE CHEMICALS	POCATELLO
2 M101		284.628	AMCO OIL CO - LAKEPOINT	WITTING
3 M081		756.7	E. LILLY & CO-TIPPED CANOE	SHALAND
4 M094		09.004	E I DUPONT DE NEMOURS - PONTC-APTRAIN	LAPLACE
5 M134		89.884	E I DUPONT DE NEMOURS - PONTC-APTRAIN	LAPLACE
6 M177		9117	DUANE DODGE THERMICAL COMPANY	P AUL MINI
7 M091		6.897	DCW CHEMICAL COMPANY, MIDLAND PLANT SITE	MIDLAND
8 M177		2512	DUANE DODGE THERMICAL COMPANY (C-F MO IH)	(C)TAKE- OVER
9 M134		144.075	C-EVICAL WASTE MANAGEMENT INC	PORCAUTHR
10 M081		378.302	CYTEC INDUSTRIES	W LOW ISLAND
Total=				12,388.899

ITEM	%SOLID	%SS	%AS	%H2O	%TDS	%OIL	SP.GR.W	pH	Type1LAS-P300E20YpkHMCxpi	HALOGpm	%DPFR4NOH4+MSCH
1	1.1	0.1		99.2	0.001	0.0200	1.9	EE	-	0	0
2	0.2			99.3	0.000	0.0000	12.5	EE	-	100	0
3		10		99.7	0.000	0.0000	4.0		77.14	-	100
4	0.2	0.0	0.0	100.0	0.008	0.0001	4.0	EE	-	100	0
5	1	100	100	100.0	0.0000	0.0000	4.0	EE	-	1000	0
6						0.0000			-	100	0
7					100.0	0.0000	1.0		30	100	0
8					100.0	0.0000	1.0	EE	0	100	0
9	0.3		10	99.2	.000	0.000	3.0	400	EE	3,000	100
10	0.2	0.2	0.2	99.3	0.000	0.0001	0.9952	3.0	-	-	0

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USEPA-DSW-EMRAD

2/25/2000



